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Datasheet for ABIN6991769

anti-Pellino 1 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	Pellino 1 (PELI1)
Binding Specificity:	AA 300-350, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pellino 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Rabbit polyclonal Pellino 1 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human Pellino 1. The immunogen is located within amino acids 300 - 350 of Pellino 1.
Isotype:	IgG
Purification:	Pellino 1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Pellino 1 (PELI1)
Alternative Name:	Pellino 1 (PELI1 Products)
Background:	Pellino 1 Antibody: The Pellino proteins are a highly homologous family of E3 ubiquitin ligases that act as upstream mediators in Toll-like receptor (TLR) pathways that lead to activation of

Target Details

MAP kinases and transcription factors. Pellino 1 is required for interleukin-1-mediated signaling through its interaction with the IRAK4-IRAK-TRAF6 complex, ultimately resulting in the activation of NF- κ B. Like other members of the Pellino family, Pellino 1 is an E3 ubiquitin ligase, able to catalyze the polyubiquitination of IRAK1. It is activated via phosphorylation by either IRAK1 and IRAK4 or the IKK-related kinases IKK- ϵ , and TBK1. In addition to phosphorylation, Pellino 1 activity is also modulated via ubiquitination and sumoylation.

Molecular Weight: 46 kDa

Gene ID: 57162

NCBI Accession: [NP_065702](#)

UniProt: [Q96FA3](#)

Pathways: [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Pellino 1 antibody can be used for detection of Pellino 1 by Western blot at 1 - 2 μ g/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Pellino 1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: Pellino 1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.